

## Patent Abstracts of Japan

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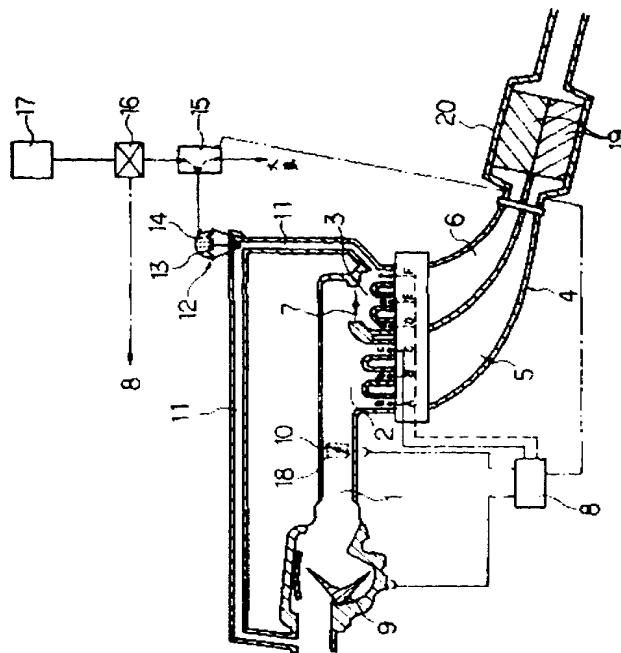
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TITLE : NUMBER OF CYLINDER CONTROL  
ENGINE



**ABSTRACT :** **PURPOSE:** To improve an exhaust composition through clarification of exhaust gas, by a method wherein the catalyst for clarifying exhaust gas is divided corresponding to exhaust paths at a suspension side and a working side, and a fresh air feed valve for choking fresh air is mounted.

**CONSTITUTION:** An engine is provided with cylinders D-F at a suspension side and cylinders A-C at a working side. A fresh air cut valve 7 is located at an upper stream part of a suction path 3 at a suspension side and shuts off a flow of fresh air in the cylinders D-F. In the operation of a part of the cylinders, a fresh air feed valve 12 is controlled through commanding of a negative pressure control valve 16 by a control circuit 8. A catalyst 19 for clarifying exhaust gas is mounted to downstream sides of an exhaust path 6 at a suspension side and an exhaust path 5 at a working side. In a low-load region, this reduces a quantity of refresh air fed to the cylinders D-F at a suspension side, which results in enhancing a clarifying function through prevention of falling of the temperature of the catalyst 19.

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